

**★TODK P75;T04 2000-676139/66 ★JP 2000280496-A**  
**Impact dot printer performs empty printing of printer head, when temperature of head falls below reference temperature, after moving it to a preset position, where head does not contact paper**

TOKYO ELECTRIC CO LTD 1999.03.30 1999JP-087849  
(2000.10.10) B41J 2/22, B41J 19/20, 25/304

- **Novelty:** A controller moves carriage (4) to warning-up position where head (5) does not contact paper (1), when detected temperature of head is below reference temperature. The gap (G) set between paper and head, before warning-up process is not changed. Warning-up executing unit performs empty printing of head for fixed time when the carriage reaches warning-up position.

**Use:** For warning-up printing head of impact dot printer.

**Advantage:** Since the carriage moved to the paper from to a preset position, warning-up operation between head and paper need not be changed. Also favorable printing quality is obtained, by raising temperature of head to suitable value.

**Description of Drawing(s):** The figure shows the head movement mechanism of impact dot printer.

Paper 1

- Carriage 4

Head 5

- Gap G

(5pp Dwg.No.1/3)

**N2000-501248**

**T04-G01A**

